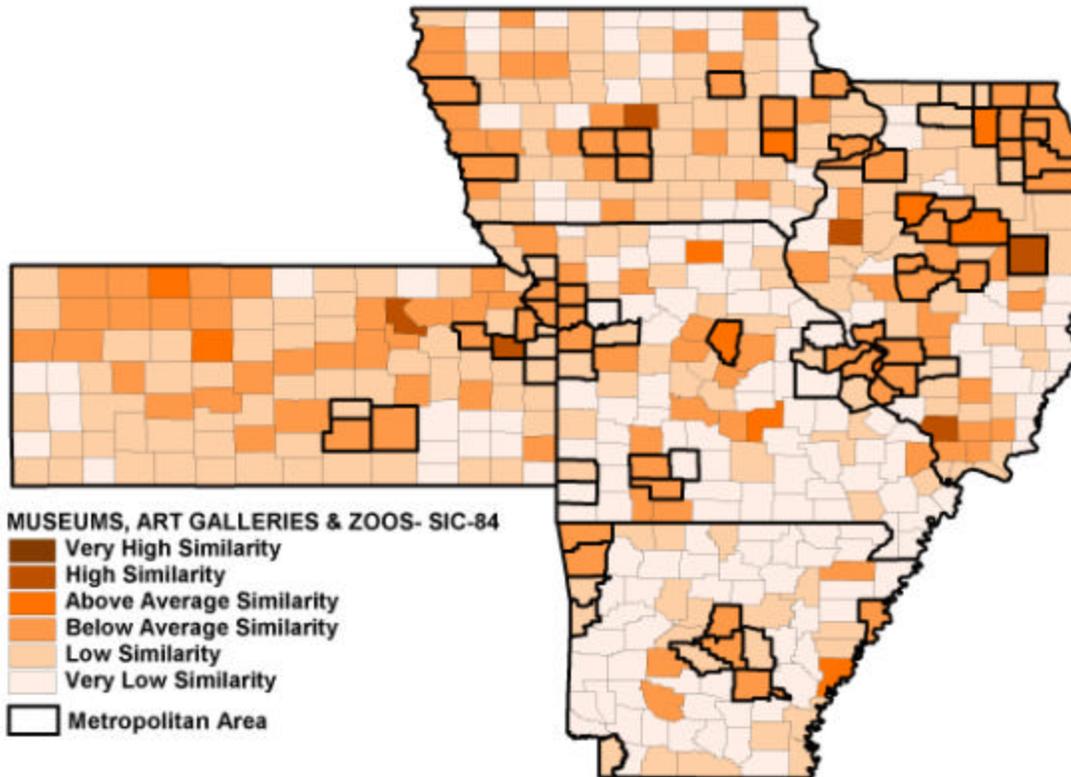


Museums, Art Galleries & Zoos

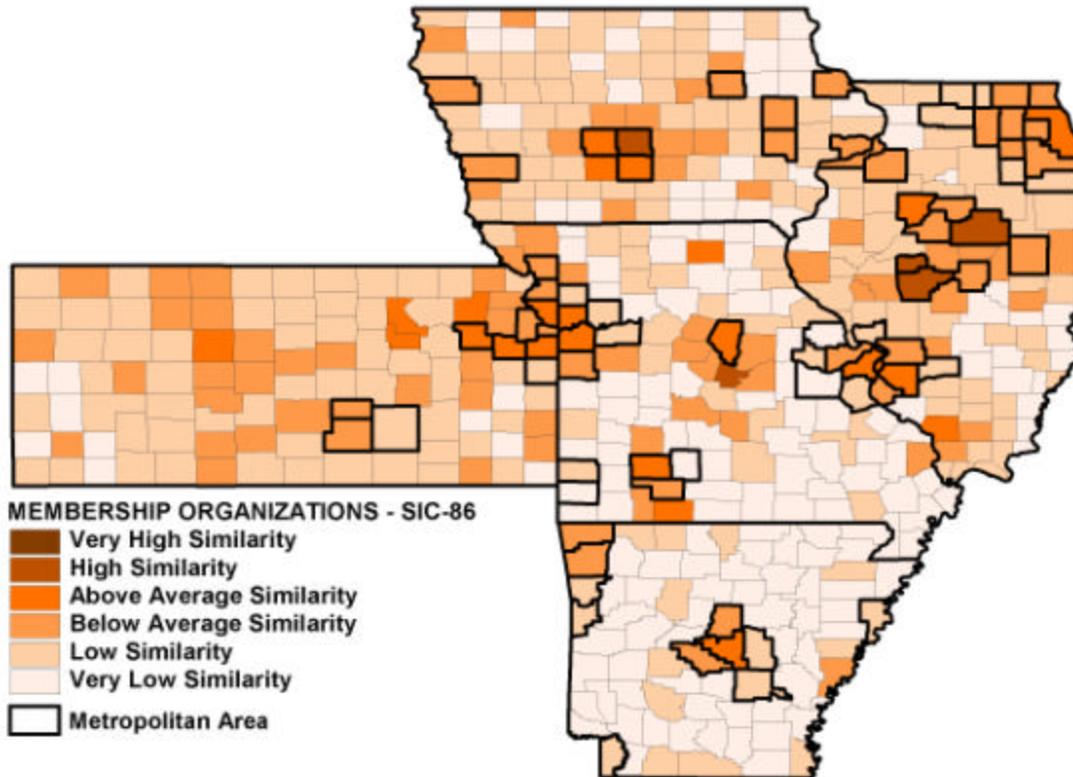


On average across the United States, the top five occupations demanded in this industry include:

Office & Administrative Support Occupations	15.8%
Personal Care & Service Occupations	15.7%
Education, Training & Library Occupations	15.3%
Sales Occupations	10.9%
Management Occupations	8.2%

In Missouri no counties had high or very high similarity between national occupational industry demand and county occupational supply.

Membership Organizations



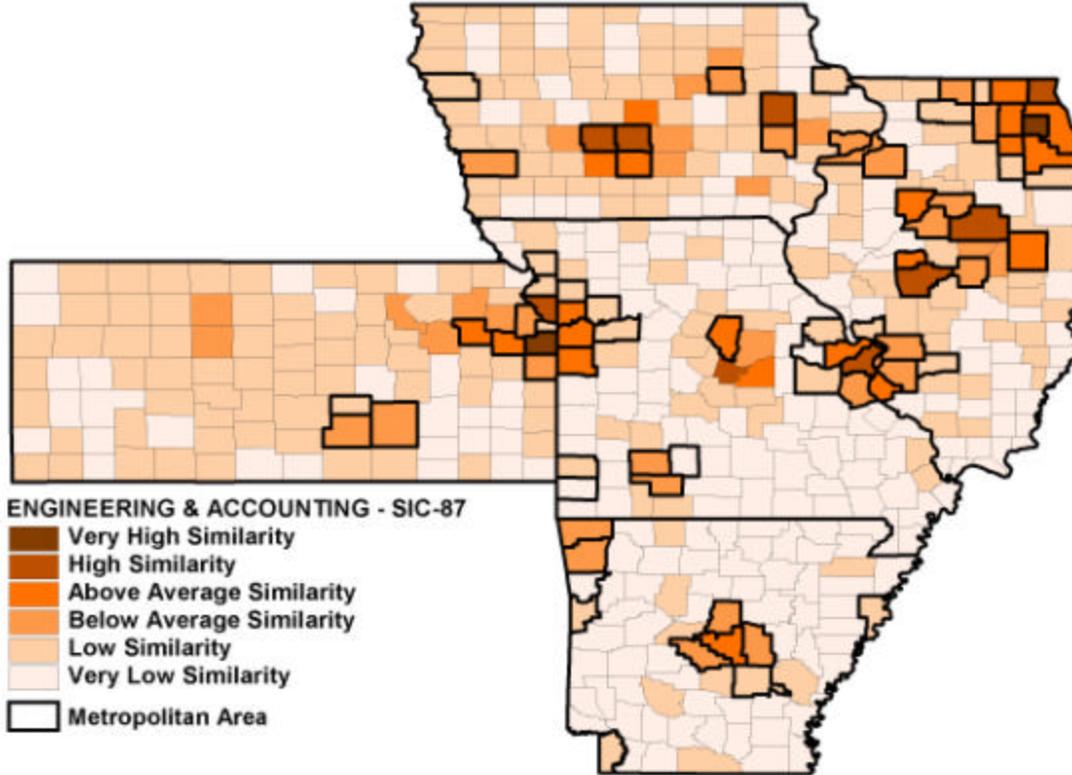
On average across the United States, the top five occupations demanded in this industry include:

Office & Administrative Support Occupations	24.2%
Personal Care & Service Occupations	13.8%
Business & Financial Occupations	11.2%
Management Occupations	10.3%
Food Preparation & Serving Occupations	8.2%

In Missouri only one county had high or very high similarity between national occupational industry demand and county occupational supply, where Cole County had high similarity. The top similarity counties were:

COLE

Engineering & Accounting



On average across the United States, the top five occupations demanded in this industry include:

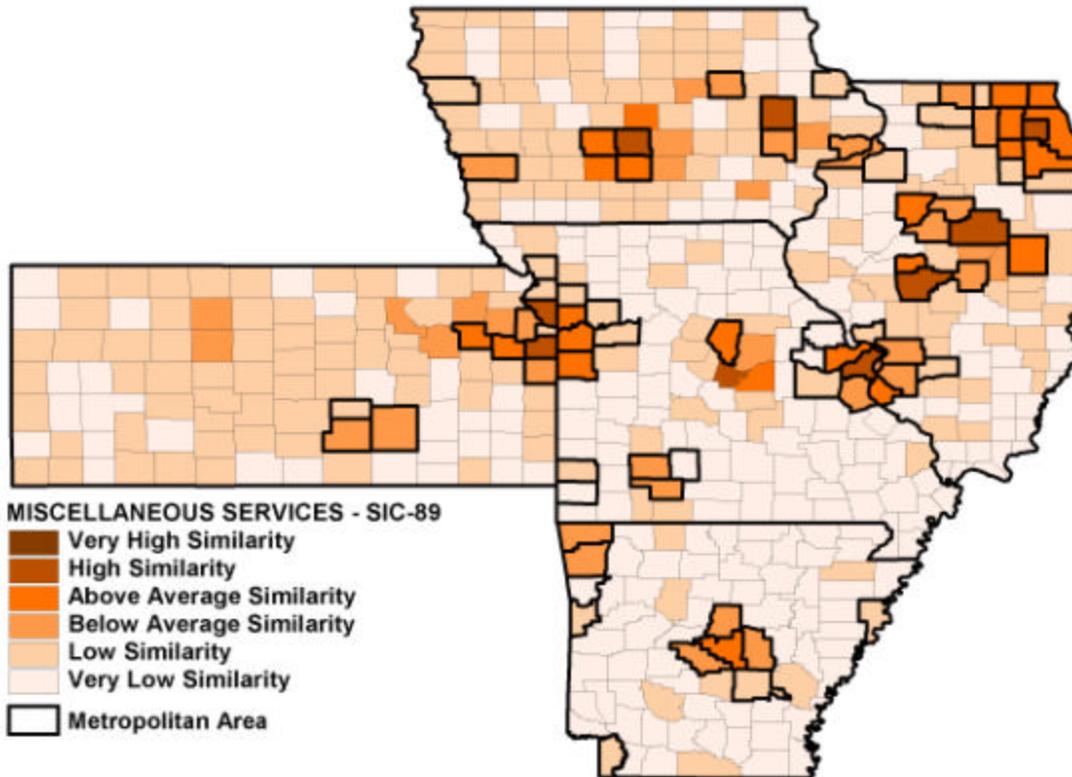
Office & Administrative Support Occupations	24.0%
Architecture & Engineering Occupations	18.9%
Business & Financial Occupations	14.9%
Management Occupations	12.4%
Computer & Mathematics Occupations	6.2%

In Missouri three counties had high or very high similarity between national occupational industry demand and county occupational supply, where all three counties had high similarity. The top similarity counties were:

COLE
PLATTE

ST. LOUIS

Miscellaneous Services



On average across the United States, the top five occupations demanded in this industry include:

Office & Administrative Support Occupations	21.0%
Arts, Design, Entertainment & Media Occupations	18.0%
Life, Physical & Social Science Occupations	13.0%
Management Occupations	9.8%
Computer & Mathematics Occupations	8.0%

In Missouri three counties had high or very high similarity between national occupational industry demand and county occupational supply, where all three counties had high similarity. The top similarity counties were:

COLE
ST. LOUIS

PLATTE

Summary

This analysis has provided indicators of the national competitiveness of a region's occupational base in the advanced services industries in the central Midwest. Occupational similarity can be used by economic developers and policy officials in two ways. First, ranking the similarity scores within a region provides a form of industry targeting that indicates which industries are best suited to the occupational base in the region. Second, industries with high dissimilarity are identified so that programs can be developed which strengthen the labor force in the region in order to make the area more attractive to selected industries.

In general, the occupational base in most Missouri communities is highly similar to the health, educational and social services industries. This indicates that many Missouri communities have a national competitive advantage in terms of labor for these industries. Therefore, communities can use this information to recruit these types of firms, emphasizing the compatibility and availability of their labor force to that firm's needs.

Conversely, the occupational base in most Missouri communities is highly dissimilar to the museums, art galleries, zoos, communications, membership organizations engineering, accounting and miscellaneous services industries. This indicates that many Missouri communities do not have the needed labor required to support these industries. Therefore, communities can use this information to craft education and training programs to develop specific segments of the labor force.

Appendix 2 - Occupational Similarity Index Data Tables

COUNTY	SIC-48	SIC-73	SIC-80	SIC-81	SIC-82	SIC-83	SIC-84	SIC-86	SIC-87	SIC-89
ADAIR	2.07	1.12	-1.21	-0.01	-2.34	-1.65	-0.42	-0.32	1.42	1.39
ANDREW	1.34	0.56	-0.88	0.23	0.61	-0.25	1.19	0.76	1.11	1.18
ATCHISON	2.20	1.22	-0.42	0.80	-1.44	-1.08	1.71	1.58	2.39	2.48
AUDRAIN	1.87	0.28	-0.40	-0.01	0.39	0.77	1.92	1.89	1.74	1.77
BARRY	2.55	0.86	1.39	0.76	0.19	1.66	2.49	2.49	2.23	2.30
BARTON	2.22	0.59	0.56	0.56	0.26	0.95	2.40	2.25	2.01	2.10
BATES	2.68	2.07	0.01	0.89	0.69	0.50	2.70	2.70	2.75	2.77
BENTON	2.33	2.45	0.28	1.24	0.36	0.67	2.36	2.55	2.78	2.87
BOLLINGER	2.71	2.81	2.16	1.82	2.31	2.92	4.19	4.15	3.17	3.21
BOONE	0.56	2.02	-1.56	-0.20	-1.39	-1.14	-0.80	-0.19	-0.18	-0.18
BUCHANAN	1.01	-0.08	-0.62	0.20	0.11	0.31	0.38	0.40	1.23	1.24
BUTLER	2.25	1.37	-1.17	1.03	0.03	0.20	1.54	1.79	2.32	2.41
CALDWELL	2.16	1.28	1.11	1.09	0.41	1.01	1.75	2.69	2.77	2.87
CALLAWAY	1.11	-1.27	-1.50	-1.18	0.01	0.80	0.79	0.47	0.74	0.75
CAMDEN	0.99	2.16	0.98	0.93	0.60	0.72	0.89	0.62	1.27	1.29
CAPE GIRARDEAU	0.99	1.12	-0.70	0.78	0.06	0.15	0.86	0.89	1.41	1.43
CARROLL	2.61	1.40	0.61	0.61	0.33	0.23	2.83	2.46	2.15	2.18
CARTER	2.66	2.09	1.32	2.09	0.54	0.38	2.32	2.17	2.46	2.55
CASS	-0.20	-0.36	-0.06	-0.58	1.01	0.96	1.20	0.59	-0.17	-0.14
CEDAR	2.04	1.38	-0.70	0.52	0.66	0.07	2.34	2.29	1.99	2.03
CHARITON	2.64	0.93	-0.28	-0.11	-0.40	0.42	2.41	2.02	2.02	2.07
CHRISTIAN	0.17	0.78	-0.45	0.23	0.41	0.19	0.86	0.81	0.76	0.77
CLARK	3.40	3.17	1.91	1.84	1.37	1.25	3.51	3.45	3.54	3.64
CLAY	-0.99	-0.82	-0.48	-1.31	0.98	0.68	0.47	-0.40	-0.80	-0.81
CLINTON	1.43	0.03	-0.41	0.40	0.41	0.60	0.99	1.04	1.63	1.71
COLE	-0.93	-1.33	-1.12	-2.92	0.19	0.23	0.86	-1.56	-1.68	-1.49
COOPER	1.95	0.41	-0.20	0.41	-0.39	-0.02	0.94	1.00	1.94	1.99
CRAWFORD	2.90	2.38	1.73	2.22	1.67	1.90	3.47	3.31	3.12	3.19
DADE	2.83	2.00	0.31	1.38	0.74	0.98	3.16	3.05	2.82	2.92
DALLAS	2.35	2.22	1.62	1.33	1.21	1.55	2.38	2.78	2.93	2.98
DAVISS	2.67	1.11	0.49	0.65	-0.12	0.33	2.10	2.29	2.58	2.65
DE KALB	1.98	0.00	-0.66	0.00	-0.59	-0.55	0.69	0.90	1.61	1.70
DENT	2.39	1.77	1.00	1.77	0.14	0.91	2.26	2.38	2.93	3.00
DOUGLAS	3.06	2.02	1.42	0.64	0.65	1.43	3.20	3.13	2.70	2.75
DUNKLIN	2.70	2.23	0.93	1.40	0.68	1.11	2.60	2.64	2.98	3.03
FRANKLIN	1.87	1.54	1.22	1.14	0.62	1.36	2.14	2.14	1.91	1.98
GASCONADE	3.02	2.37	1.44	1.64	1.23	1.74	3.59	3.40	2.72	2.81
GENTRY	2.42	1.92	-0.31	1.33	-0.48	-1.23	1.84	2.11	2.51	2.60

COUNTY	SIC-48	SIC-73	SIC-80	SIC-81	SIC-82	SIC-83	SIC-84	SIC-86	SIC-87	SIC-89
GREENE	0.48	0.25	-0.52	0.00	0.09	0.33	0.32	-0.01	0.86	0.87
GRUNDY	2.97	1.39	0.78	2.11	-0.37	0.19	2.29	1.95	2.92	3.02
HARRISON	2.38	1.83	-0.24	0.49	-0.91	-0.28	1.73	1.46	2.66	2.75
HENRY	2.12	1.63	0.03	0.77	0.42	0.56	1.84	2.24	2.42	2.42
HICKORY	2.61	2.14	1.52	1.54	0.26	1.02	2.37	2.65	3.04	3.06
HOLT	2.56	0.26	-0.39	0.66	-1.82	-0.81	1.74	0.91	2.04	2.13
HOWARD	2.05	0.56	-1.13	-0.43	-1.06	-0.44	0.95	0.76	1.52	1.54
HOWELL	2.15	1.59	0.35	1.65	0.58	0.70	2.16	2.46	2.55	2.64
IRON	3.10	0.79	0.19	1.88	-0.72	-0.04	1.80	1.90	2.77	2.86
JACKSON	-0.61	-0.62	-0.78	-1.08	0.54	0.28	0.20	-0.59	-0.61	-0.62
JASPER	1.14	0.78	0.30	0.89	0.48	0.64	1.22	1.38	1.62	1.67
JEFFERSON	0.27	-0.07	0.03	-0.22	1.20	1.66	1.26	1.27	0.89	0.92
JOHNSON	1.94	1.15	0.75	0.61	-1.51	-0.40	0.32	0.52	1.89	1.93
KNOX	2.07	1.72	-1.13	-0.89	-0.27	0.01	2.07	2.19	2.10	2.18
LACLEDE	2.45	2.27	2.46	1.99	0.82	1.44	2.36	2.87	2.82	2.89
LAFAYETTE	1.41	0.19	-0.54	-0.26	0.19	0.59	1.16	1.27	1.59	1.64
LAWRENCE	2.30	0.76	-0.02	0.92	-0.21	0.50	2.28	2.11	2.02	2.10
LEWIS	2.43	0.91	-0.06	0.24	-0.18	0.17	1.97	1.74	2.07	2.16
LINCOLN	1.81	0.65	0.83	0.41	1.00	1.89	2.45	2.48	2.00	2.08
LINN	1.92	0.62	0.63	0.50	0.37	0.80	1.75	1.87	1.77	1.78
LIVINGSTON	1.94	0.40	-0.67	0.77	0.10	0.00	0.82	1.32	2.06	2.10
MC DONALD	2.75	1.53	1.70	0.82	1.44	2.53	3.09	3.13	2.64	2.69
MACON	2.45	1.81	0.41	1.49	0.34	0.27	2.10	2.01	2.54	2.64
MADISON	3.13	1.90	0.93	1.50	1.47	1.11	2.58	2.61	3.00	3.10
MARIES	2.07	0.15	-0.08	-0.02	0.82	1.70	2.44	2.10	1.92	1.95
MARION	2.03	0.90	-0.02	0.99	-0.02	0.94	1.77	1.73	2.11	2.18
MERCER	2.98	1.40	-0.83	-0.07	-2.31	-1.06	1.94	1.32	1.94	2.02
MILLER	1.82	0.28	1.38	0.91	0.11	1.27	1.32	1.26	1.99	2.06
MISSISSIPPI	3.06	2.15	0.00	1.29	0.79	0.94	2.76	2.54	3.01	3.08
MONITEAU	1.45	-1.02	-0.52	-0.94	-0.05	0.61	1.11	0.72	1.08	1.13
MONROE	3.37	1.57	0.51	1.11	0.16	-0.07	2.52	2.16	2.72	2.81
MONTGOMERY	2.89	2.01	0.27	1.35	0.92	1.60	3.09	2.95	2.98	3.08
MORGAN	2.08	1.37	1.29	1.12	0.26	0.93	1.50	2.03	2.46	2.51
NEW MADRID	3.27	1.87	0.91	1.52	-0.07	0.52	2.26	2.15	3.14	3.22
NEWTON	1.99	1.60	0.72	1.61	0.63	1.21	2.10	2.43	2.32	2.37
NODAWAY	1.94	1.08	0.43	0.23	-2.46	-1.19	0.19	0.45	1.52	1.58
OREGON	3.26	3.19	1.55	1.83	0.63	1.15	2.92	3.02	3.39	3.37
OSAGE	0.37	-1.66	-0.40	-3.10	1.46	2.10	2.93	0.47	-0.51	-0.31

COUNTY	SIC-48	SIC-73	SIC-80	SIC-81	SIC-82	SIC-83	SIC-84	SIC-86	SIC-87	SIC-89
OZARK	2.66	2.10	1.53	1.77	0.25	0.50	2.62	2.63	2.72	2.77
PEMISCOT	3.08	2.19	0.81	1.65	0.47	0.27	2.11	2.15	3.14	3.21
PERRY	2.50	0.83	0.45	0.85	1.24	1.24	2.81	2.56	2.18	2.27
PETTIS	2.19	2.02	1.35	1.86	0.25	0.38	1.96	1.88	2.36	2.39
PHELPS	1.27	1.74	-0.25	0.83	-1.75	-1.57	-0.05	1.04	1.20	1.21
PIKE	2.80	0.38	0.53	0.68	0.23	1.24	2.09	1.83	2.30	2.39
PLATTE	-1.24	0.78	0.45	-0.62	1.04	0.94	0.62	-0.30	-1.52	-1.12
POLK	1.77	-0.06	-0.52	-0.07	-0.89	0.11	0.77	0.92	1.72	1.77
PULASKI	1.96	1.12	0.67	1.35	-1.09	-0.03	0.44	0.58	2.28	2.31
PUTNAM	3.68	3.02	0.25	1.45	1.18	0.17	4.00	3.44	2.97	2.97
RALLS	2.44	0.96	0.26	0.60	-0.03	1.10	2.36	2.12	2.32	2.36
RANDOLPH	2.04	-0.02	-0.21	0.67	0.08	0.99	1.13	1.26	1.95	2.01
RAY	1.67	0.38	0.15	-0.41	0.95	1.06	2.09	1.52	1.61	1.63
REYNOLDS	4.16	3.63	2.21	2.95	1.25	0.59	4.23	3.26	3.38	3.46
RIPLEY	3.63	3.26	0.54	2.49	0.86	0.65	3.80	3.69	3.45	3.50
ST. CHARLES	-0.93	0.66	0.40	-0.20	0.97	0.83	0.70	0.01	-0.82	-0.81
ST. CLAIR	2.59	2.09	-1.04	0.57	0.23	0.05	2.61	2.61	2.46	2.53
STE. GENEVIE	2.54	1.03	0.87	1.34	1.65	1.81	3.00	2.90	2.31	2.39
ST. FRANCOIS	2.36	1.45	-0.64	1.32	0.77	0.62	1.61	1.90	2.55	2.63
ST. LOUIS	-0.85	1.42	-0.29	-0.39	0.10	0.21	0.20	-0.62	-1.41	-1.20
SALINE	2.92	1.85	-0.16	1.57	-0.11	-0.56	2.19	1.80	2.70	2.74
SCHUYLER	2.40	2.20	-1.45	-0.06	0.71	0.05	2.24	2.37	2.37	2.43
SCOTLAND	2.80	2.46	-0.25	0.68	-0.70	-0.76	3.01	2.67	2.62	2.62
SCOTT	1.57	0.98	0.07	0.67	1.37	1.05	1.80	2.06	1.98	2.04
SHANNON	4.36	4.19	2.37	2.90	2.33	2.19	4.67	4.49	4.08	4.14
SHELBY	2.93	1.61	0.12	0.59	-0.76	-0.25	2.73	2.26	2.44	2.53
STODDARD	3.06	2.91	1.18	1.88	0.80	1.05	3.21	3.10	3.29	3.35
STONE	0.76	1.16	1.67	1.05	0.54	0.85	0.24	0.55	1.51	1.57
SULLIVAN	3.74	2.21	0.53	1.20	0.00	1.09	3.73	3.13	2.98	3.01
TANEY	1.00	2.95	1.88	1.53	0.91	0.79	0.00	-0.18	1.53	1.17
TEXAS	2.61	1.06	0.79	1.22	-0.57	0.28	1.72	1.88	2.39	2.49
VERNON	2.43	1.35	-0.68	1.00	-0.23	-0.40	1.99	1.69	2.18	2.24
WARREN	1.49	0.97	2.07	1.53	0.16	1.13	1.53	2.00	2.03	2.12
WASHINGTON	3.45	2.12	0.76	1.95	1.41	1.31	3.18	2.81	3.27	3.38
WAYNE	3.23	2.67	1.65	2.45	0.62	0.79	3.05	2.69	3.13	3.20
WEBSTER	2.14	1.25	1.10	1.14	0.72	1.24	2.27	2.48	2.33	2.42
WORTH	2.77	0.97	-0.50	-0.29	-0.66	0.18	2.21	2.03	2.12	2.15
WRIGHT	2.98	2.26	1.10	1.99	-0.51	-0.21	2.70	2.58	3.00	3.09
ST. LOUIS CITY	1.13	-1.56	-1.40	-0.63	-0.60	0.09	-0.01	-0.78	0.46	0.47

P-0503-1
May 2003

Direct all correspondence to David J. Peters
Missouri Economic Research and Information Center
Missouri Department of Economic Development

580 Harry S. Truman Building
Missouri Economic Development
PO Box 3150
Jefferson City, MO 65102-3150

TEL: (573) 522-6261
FAX: (573) 751-7385
E-MAIL: dpeters@ded.state.mo.us
WEB: <http://www.MissouriEconomy.org>